

## Pemigewasset Annual Water Use versus Stream Flow – Calendar Year 2003

The Pemigewasset Water Management Planning Area (WMPA) covers 1023 square miles includes two streamflow gages that were used in this assessment—**USGS 01075000 PEMIGEWASSET RIVER AT WOODSTOCK, NH** and **USGS 01076500 PEMIGEWASSET RIVER AT PLYMOUTH, NH**. The Woodstock gage measures 193 square miles of the WMPA; the Plymouth, 622 square miles. The end of the Designated River is at the confluence with the Winnepesaukee River. Data from the stream gage on the Winnepesaukee (**USGS 01081000 WINNIPESAUKEE RIVER AT TILTON, NH**) was translated downstream to the confluence to establish flow on the Pemigewasset when neither of its gages was operating due to ice, and for the reach between the Plymouth gage and the confluence. The Tilton gage measures a watershed area of 471 miles square: The Winnepesaukee River at the confluence is 486 square miles.

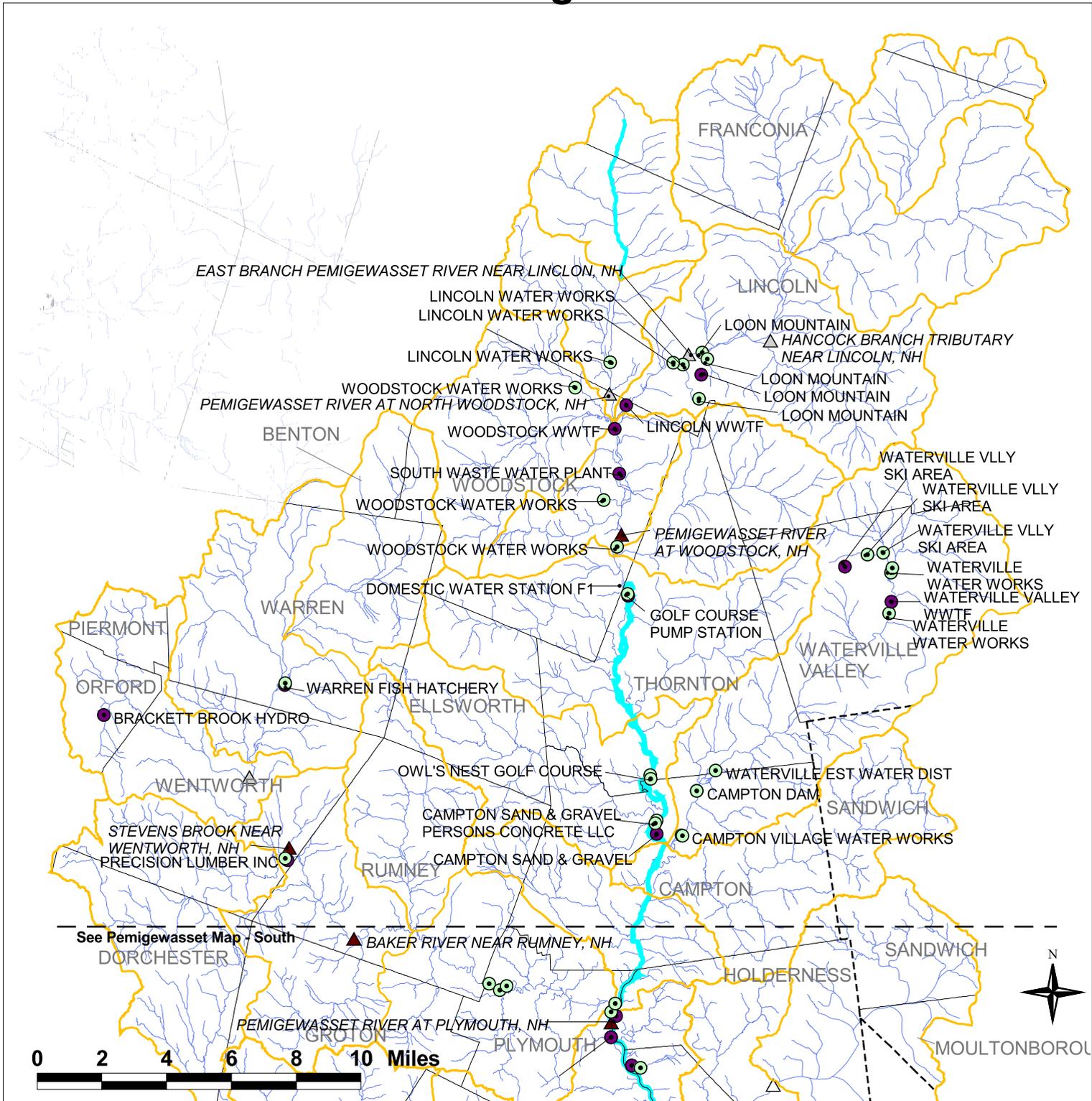
The Pemigewasset Designated River is in two segments divide by a 10-mile stretch through Lincoln and Woodstock. The first segment begins at the outlet of Profile Lake in Franconia and extends 5.7-mile to the southern boundary of Franconia Notch State Park. It has a watershed area of 19.1 square miles at its lowest end. There is no registered water use in this portion of the watershed. The second segment begins at Holderness-Ashland town line and extends 120.7 miles to its confluence with the Winnepesaukee River. There are 59 registered sources and 18 registered, measured returns in the Water Management Planning Area.

The Pemigewasset Designated River was in compliance with the General Standard during the entire year. The General Standard usually increases linearly with increasing watershed area. It is interesting to note that in the Pemigewasset during 2003, at certain points, the General Standard decreases with increasing watershed area during the months of May, July and October. This is the result of flows at the Plymouth gage that do not increase proportionally relative to the size of the drainage basin during these months, that is, unit flows (cfs/m) for this section of the river were lower than they were upstream.

The Water Management Planning Area includes registered water use by ten hydroelectric facilities. Two are on the Designated River. Water use by hydroelectric facilities are not shown in the monthly graphs because flow in is expected to equal flow out and because the General Standard does not apply to hydroelectric facilities between their point of withdrawal and point of return per Env-Ws 1903.02(d). Other water users include eleven water works systems and seven waste water facilities. Two registered water users are for snowmaking, four for golf course irrigation and on for playing field irrigation. There are six industrial facilities registered including gravel, lumber and concrete facilities, a mill and two power plants. There is one agricultural use. There are two registered aquaculture facilities, although only one is reporting water use. One facility registers as transferring water from and to another registered user.

The Pemigewasset Designated River drains directly into the Upper Merrimack Designated River. The results of this assessment are the first component of that river's assessment.

# Pemigewasset River Affected Water User Facilities: Source and Discharge Locations - North



## Legend

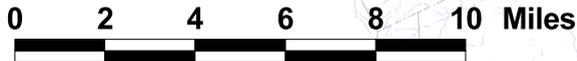
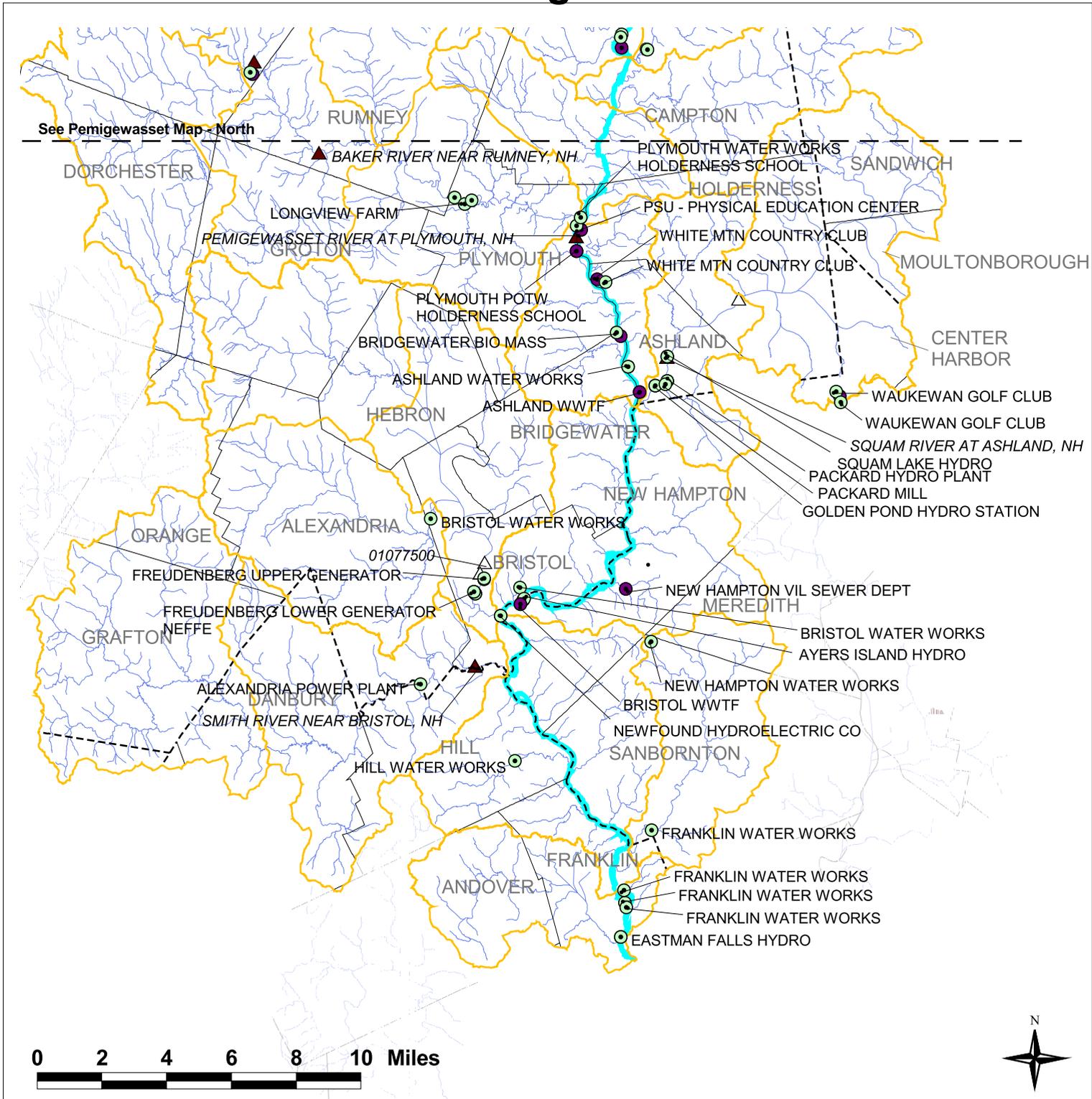
- |   |                      |       |                  |
|---|----------------------|-------|------------------|
| ● | Affected Water Users | —     | Designated Reach |
| ○ | Source               | —     | Hydrology        |
| ● | Discharge            | - - - | State boundary   |
| ▲ | Stream Gages         | —     | Town boundary    |
| △ | Active               | □     | WMPA             |
| △ | Inactive             |       |                  |
| △ | Unknown              |       |                  |

The coverages presented are under constant revision as new sites or facilities are added. They may not contain all of the potential or existing sites or facilities. NHDES is not responsible for the use or interpretation of this information. Not intended for legal purposes. Water users database last updated January 2004.

Map produced January 28, 2004

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# Pemigewasset River Affected Water User Facilities: Source and Discharge Locations - South



## Legend

- Affected Water Users
- Source
- Discharge
- Stream Gages
- Active
- Inactive
- Unknown
- Designated Reach
- Hydrology
- State boundary
- Town boundary
- WMPA

The coverages presented are under constant revision as new sites or facilities are added. They may not contain all of the potential or existing sites or facilities. NHDES is not responsible for the use or interpretation of this information. Not intended for legal purposes. Water users database last updated January 2004.

Map produced January 28, 2004

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2003 Pemigewasset Water Use in CFS																
WU_NAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Start of northern portion Pemi DR	In Franconia Notch Park, near Profile Lake		1.2													
End of northern portion Pemi DR	National Forest Boundary		19.1													
LINCOLN WATER WORKS	LINCOLN WATER WORKS	20097 20097-S01	220.9	0.0	0.0	0.1	0.6	0.7	1.0	0.0	0.7	0.4	0.1	0.2	0.0	
LINCOLN WATER WORKS	LINCOLN WATER WORKS	20097 20097-S04	220.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1		
LINCOLN WATER WORKS	LINCOLN WATER WORKS	20097 20097-S05	220.9	0.9	0.9	0.7	0.7	0.8	1.0	1.1	0.4	0.4	0.6	0.4	0.8	
LINCOLN WWTF	WASTE WATER TREAT PLANT	20102 20102-D01	220.9	(0.6)	(0.7)	(0.7)	(0.6)	(0.8)	(0.7)	(1.0)	(0.5)	(1.4)	(0.7)	(0.5)	(0.9)	
LOON MOUNTAIN REC CORP	LOON MOUNTAIN	20241 20241-D01	220.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
LOON MOUNTAIN REC CORP	LOON MOUNTAIN	20241 20241-S01	220.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	3.2	
LOON MOUNTAIN REC CORP	LOON MOUNTAIN	20241 20241-S02	220.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
LOON MOUNTAIN REC CORP	LOON MOUNTAIN	20241 20241-S03	220.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WOODSTOCK WATER WORKS	WOODSTOCK WATER WORKS	20270 20270-S04	220.9	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
WOODSTOCK WATER WORKS	WOODSTOCK WATER WORKS	20270 20270-S03	220.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WOODSTOCK WATER WORKS	WOODSTOCK WATER WORKS	20270 20270-S02	220.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WOODSTOCK WATER WORKS	WOODSTOCK WATER WORKS	20270 20270-S01	220.9	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.2	0.2	0.2	0.3	
WOODSTOCK WWTF	WASTE WATER PLANT	20268 20268-D01	220.9	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.4)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	
Start of southern portion Pemi DR	Woodstock/Thorton Town line		220.9													
JACK O'LANTERN INC	GOLF COURSE PUMP STATION	20234 20234-S01	222.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
JACK O'LANTERN INC	GOLF COURSE PUMP STATION	20234 20234-D01	222.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
OWL STREET ASSOCIATES LLC	OWL'S NEST GOLF COURSE	20635 20635-S01	266.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
OWL STREET ASSOCIATES LLC	OWL'S NEST GOLF COURSE	20635 20635-S02	266.4	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.3	0.1	0.0	0.0	
PIKE INDUSTRIES INC	CAMPTON SAND & GRAVEL	20192 20192-S01	269.6	0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.6	0.5	0.3	0.4	0.1	
PERSONS CONCRETE LLC	CAMPTON PLANT	20546 20546-S01	269.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PIKE INDUSTRIES INC	CAMPTON SAND & GRAVEL	20192 20192-D01	296.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WATERVILLE EST VILL DIS W	WATERVILLE EST WATER DIST	20603 20603-S02	358.1	0.1	0.0	0.1	0.1	0.1	0.2	0.4	0.1	0.2	0.2	0.2	0.2	
WATERVILLE VALLEY WWTF	WATERVILLE VALLEY WWTF	20577 20577-D01	358.1	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.1)	(0.2)	(0.3)	(0.2)	(0.2)	(0.1)	(0.4)	
WATERVILLE VALLEY RESORT	WATERVILLE VLLY SKI AREA	20305 20305-S02	358.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WATERVILLE VALLEY RESORT	WATERVILLE VLLY SKI AREA	20305 20305-S01	358.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.3	
WATERVILLE VALLEY RESORT	WATERVILLE VLLY SKI AREA	20305 20305-D01	358.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
CAMPTON VILLAGE PRECINCT	WATER WORKS	20272 20272-S03	358.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
CAMPTON VILLAGE PRECINCT	WATER WORKS	20272 20272-S02	358.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
MAD RIVER POWER ASSOCIATE	CAMPTON DAM	20242 20242-S01	358.1	40.7	16.3	0.0	78.6	147.6	126.3	34.8	19.2	77.1	78.3	116.4	119.6	
MAD RIVER POWER ASSOCIATE	CAMPTON DAM	20242 20242-D01	358.1	(40.7)	(16.3)	0.0	(78.6)	(147.6)	(126.3)	(34.8)	(19.2)	(77.1)	(78.3)	(116.4)	(119.6)	
WATERVILLE VALLEY WW	WATERVILLE WATER WORKS	20064 20064-S03	358.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	
WATERVILLE VALLEY WW	WATERVILLE WATER WORKS	20064 20064-S02	358.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	
WATERVILLE VALLEY WW	WATERVILLE WATER WORKS	20064 20064-S01	358.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
DRABICK MARK	BRACKETT BROOK HYDRO	20573 20573-S01	622.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
DRABICK MARK	BRACKETT BROOK HYDRO	20573 20573-D01	622.4	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	
LONGVIEW FARM	LONGVIEW FARM	20729 20729-S01	622.4	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
LONGVIEW FARM	LONGVIEW FARM	20729 20729-S02	622.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
LONGVIEW FARM	LONGVIEW FARM	20729 20729-S03	622.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
NH FISH & GAME	WARREN FISH HATCHERY	20647 20647-S01	622.4	1.2	1.2	1.4	1.6	1.3	1.2	1.2	1.4	1.4	1.2	1.2	1.1	
NH FISH & GAME	WARREN FISH HATCHERY	20647 20647-D01	622.4	(1.2)	(1.2)	(1.4)	(1.6)	(1.3)	(1.2)	(1.2)	(1.4)	(1.4)	(1.2)	(1.2)	(1.1)	
PRECISION LUMBER INC		20552 20552-S01	622.4	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
PRECISION LUMBER INC		20552 20552-D01	622.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PLYMOUTH STATE UNIVERSITY	PHYSICAL EDUCATION CENTER	20522 20522-S01	622.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PLYMOUTH STATE UNIVERSITY	PHYSICAL EDUCATION CENTER	20031 20031-S01	622.4	0.6	0.7	0.6	0.7	0.7	0.7	0.8	0.7	0.9	0.8	0.7	0.7	
HOLDERNESS SCHOOL	HOLDERNESS SCHOOL	20639 20031-S01	622.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	
PLYMOUTH STATE UNIVERSITY	PHYSICAL EDUCATION CENTER	20522 20522-D01	622.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HOLDERNESS SCHOOL	HOLDERNESS SCHOOL	20639 20095-D01	622.9	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.1)	(0.1)	(0.0)	(0.0)	
PLYMOUTH VILLAGE W&S DIST	POTW	20095 20095-D01	622.9	(0.5)	(0.6)	(0.8)	(0.9)	(0.7)	(0.5)	(0.3)	(0.6)	(0.5)	(0.8)	(0.9)	(0.9)	
WHITE MTN COUNTRY CLUB		20306 20306-S01	630.2	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0	
WHITE MTN COUNTRY CLUB		20306 20306-D01	630.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
BRIDGEWATER POWER CO LP	BRIDGEWATER BIO MASS	20516 20516-S01	634.6	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.3	
BRIDGEWATER POWER CO LP	BRIDGEWATER BIO MASS	20516 20516-D01	634.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ASHLAND WATER WORKS	ASHLAND WATER WORKS	20041 20041-S02	642.9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
ASHLAND WATER WORKS	ASHLAND WATER WORKS	20041 20041-S03	642.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ASHLAND WWTF	WASTE WATER TREAT PLANT	20083 20083-D01	644.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.5	
WAUKEWAN GOLF CLUB	WAUKEWAN GOLF CLUB	20708 20708-S02	709.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WAUKEWAN GOLF CLUB	WAUKEWAN GOLF CLUB	20708 20708-S01	709.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	
WAUKEWAN GOLF CLUB	WAUKEWAN GOLF CLUB	20708 20708-D01	709.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ASHLAND	SQUAM LAKE HYDRO	20460 20460-S01	709.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ASHLAND	SQUAM LAKE HYDRO	20460 20460-D01	709.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PACKARD LW&CO INC	MILL	20401 20401-S02	709.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PACKARD LW&CO INC	HYDRO PLANT	20400 20400-S01	709.5	39.6	39.6	39.6	147.2	107.9	47.3	31.8	111.9	72.1	193.0	23.7	341.7	
PACKARD LW&CO INC	HYDRO PLANT	20400 20400-D01	709.5	(39.6)	(39.6)	(39.6)	(147.2)	(107.9)	(47.3)	(31.8)	(111.9)	(72.1)	(193.0)	(23.7)	(341.7)	
FRESHWATER HYDRO INC	GOLDEN POND HYDRO STATION	20224 20223-S01	709.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
FRESHWATER HYDRO INC	GOLDEN POND HYDRO STATION	20223 20223-D01	709.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
NEW HAMPTON VIL PREC	SEWER DEPT	20443 20443-D01	740.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PUBLIC SERVICE CO OF NH	AYERS ISLAND HYDRO	20144 20144-S01	746.8	481.2	363.6	765.8	1500.7	1403.2	905.1	255.3	939.1	852.5	1199.0	1330.5	1653.9	
PUBLIC SERVICE CO OF NH	AYERS ISLAND HYDRO	20144 20144-D01	746.8	(481.2)	(363.6)	(765.8)	(1500.7)	(1403.2)	(905.1)	(255.3)	(939.1)	(852.5)	(1199.0)	(1330.5)	(1653.9)	
BRISTOL WW																

2003 Pemigewasset Aggregate Water Use in CFS																
WU_NAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Start of northern portion Pemi DR	In Franconia Notch Park, near Profile Lake		1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
End of northern portion Pemi DR	National Forest Boundary		19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
E Branch Pemigewasset River			220.9	2.5	0.7	0.3	0.9	0.9	1.4	0.5	1.0	(0.3)	0.3	1.4	3.6	
Start of southern portion Pemi DR	Woodstock/Thorton Town line		220.9	2.5	0.7	0.3	0.9	0.9	1.4	0.5	1.0	(0.3)	0.3	1.4	3.6	
JACK O'LANTERN INC	GOLF COURSE PUMP STATION	20234 20234-S01	222.1	2.5	0.7	0.3	0.9	0.9	1.5	0.6	1.0	(0.3)	0.3	1.4	3.6	
JACK O'LANTERN INC	GOLF COURSE PUMP STATION	20234 20234-D01	222.1	2.5	0.7	0.3	0.9	0.9	1.5	0.6	1.0	(0.3)	0.3	1.4	3.6	
OWL STREET ASSOCIATES LLC	OWL'S NEST GOLF COURSE	20635 20635-S01	266.4	2.5	0.7	0.3	0.9	0.9	1.5	0.6	1.0	(0.3)	0.3	1.4	3.6	
OWL STREET ASSOCIATES LLC	OWL'S NEST GOLF COURSE	20635 20635-S02	266.4	2.5	0.7	0.3	1.0	1.1	1.8	1.0	1.4	0.0	0.4	1.4	3.6	
PIKE INDUSTRIES INC	CAMPTON SAND & GRAVEL	20192 20192-S01	269.6	2.5	0.7	0.3	1.0	1.5	2.4	1.6	1.9	0.6	0.7	1.8	3.7	
PERSONS CONCRETE LLC	CAMPTON PLANT	20546 20546-S01	269.7	2.5	0.7	0.3	1.0	1.5	2.4	1.6	1.9	0.6	0.7	1.8	3.7	
PIKE INDUSTRIES INC	CAMPTON SAND & GRAVEL	20192 20192-D01	296.0	2.5	0.7	0.3	1.0	1.5	2.4	1.6	1.9	0.6	0.7	1.8	3.7	
Mad River			358.1	4.6	0.8	0.5	1.1	1.7	2.7	2.1	2.2	0.8	0.9	3.3	6.1	
Baker River			622.4	2.3	1.6	1.2	1.8	2.5	3.5	3.0	2.9	1.8	1.7	4.0	6.8	
PLYMOUTH STATE UNIVERSITY	PHYSICAL EDUCATION CENTER	20522 20522-D01	622.7	5.2	1.6	1.2	1.8	2.5	3.5	3.0	2.9	1.8	1.7	4.0	6.8	
HOLDERNESS SCHOOL	HOLDERNESS SCHOOL	20639 20095-D01	622.9	5.2	1.6	1.2	1.8	2.5	3.5	3.0	2.9	1.7	1.7	4.0	6.7	
PLYMOUTH VILLAGE W&S DIST	POTW	20095 20095-D01	622.9	4.7	1.0	0.4	0.9	1.7	3.0	2.7	2.3	1.2	0.8	3.1	5.8	
WHITE MTN COUNTRY CLUB		20306 20306-S01	630.2	4.7	1.0	0.4	0.9	1.8	3.2	2.9	2.4	1.3	0.9	3.1	5.8	
WHITE MTN COUNTRY CLUB		20306 20306-D01	630.2	4.7	1.0	0.4	0.9	1.8	3.2	2.9	2.4	1.3	0.9	3.1	5.8	
BRIDGEWATER POWER CO LP	BRIDGEWATER BIO MASS	20516 20516-S01	634.6	5.0	1.3	0.8	1.3	2.2	3.7	3.3	2.9	1.8	1.3	3.5	6.1	
BRIDGEWATER POWER CO LP	BRIDGEWATER BIO MASS	20516 20516-D01	634.6	5.0	1.3	0.8	1.3	2.2	3.7	3.3	2.9	1.8	1.3	3.5	6.1	
ASHLAND WATER WORKS	ASHLAND WATER WORKS	20041 20041-S02	642.9	5.3	1.6	1.1	1.6	2.5	4.0	3.7	3.1	2.0	1.5	3.7	6.4	
ASHLAND WATER WORKS	ASHLAND WATER WORKS	20041 20041-S03	642.9	5.3	1.6	1.1	1.6	2.5	4.0	3.7	3.1	2.0	1.5	3.7	6.4	
ASHLAND WWTF	WASTE WATER TREAT PLANT	20083 20083-D01	644.1	5.5	1.8	1.4	1.9	2.8	4.3	3.9	3.4	2.2	1.8	4.0	6.9	
Squam River			709.5	5.5	1.8	1.4	1.9	2.8	4.3	4.0	3.5	2.3	1.8	4.0	6.9	
NEW HAMPTON VIL PREC	SEWER DEPT	20443 20443-D01	740.3	5.5	1.8	1.4	1.9	2.8	4.3	4.0	3.5	2.3	1.8	4.0	6.9	
PUBLIC SERVICE CO OF NH	AYERS ISLAND HYDRO	20144 20144-D01	746.8	5.5	1.8	1.4	1.9	2.8	4.3	4.0	3.5	2.3	1.8	4.0	6.9	
BRISTOL WWTF	WASTE WATER TREAT PLANT	20286 20286-D01	747.0	5.4	1.6	1.1	1.6	2.5	4.0	3.8	3.2	2.0	1.5	3.7	6.6	
BRISTOL WATER WORKS	WATER WORKS	20044 20044-S02	749.6	5.4	1.6	1.1	1.6	2.5	4.0	3.8	3.2	2.0	1.5	3.8	6.6	
Newfound River			848.8	5.7	2.0	1.5	1.9	2.8	4.4	4.3	3.7	2.4	1.9	4.1	7.0	
INDECK ENERGY	ALEXANDRIA POWER PLANT	20188 20188-S01	942.3	5.7	2.0	1.5	1.9	2.8	4.4	4.3	3.7	2.4	1.9	4.1	7.0	
TOWN OF HILL	HILL WATER WORKS	20736 20736-S01	960.2	5.8	2.1	1.6	2.0	2.9	4.5	4.4	3.8	2.5	2.0	4.2	7.1	
Salmon Brook			999.3	6.2	2.5	1.9	2.4	3.2	4.8	4.7	4.2	2.8	2.3	4.5	7.3	
FRANKLIN WATER WORKS	FRANKIN WATER WORKS	20357 20357-S04	1002.0	6.2	2.5	1.9	2.4	3.2	4.8	4.7	4.2	2.8	2.3	4.5	7.3	
FRANKLIN WATER WORKS	FRANKIN WATER WORKS	20357 20357-S02	1002.0	6.4	2.7	2.1	2.7	3.4	4.8	5.0	4.4	2.9	2.5	4.6	7.5	
FRANKLIN WATER WORKS	FRANKIN WATER WORKS	20357 20357-S03	1002.6	6.7	3.0	2.3	2.9	3.7	5.1	5.1	4.5	3.3	2.7	4.8	7.7	
PUBLIC SERVICE CO OF NH	EASTMAN FALLS HYDRO	20145 20145-D01	1003.5	6.7	3.0	2.3	2.9	3.7	5.1	5.1	4.5	3.3	2.7	4.8	7.7	
End of Designated Reach			1022.6	6.7	3.0	2.3	2.9	3.7	5.1	5.1	4.5	3.3	2.7	4.8	7.7	

## USGS 01076500 PEMIGEWASSET RIVER AT PLYMOUTH, NH

DA(mi<sup>2</sup>) 622

7Q10 (cfs) 115.0

	Mean of daily streamflows (2003) in cfs	Mean of monthly streamflows	Median of monthly means (cfs)	Calculated Monthly mean CFSM	General Standard in cfsm
Jan-03	441	872	695	0.71	0.02
Feb-03	293	734	521	0.47	0.0092
Mar-03	2316	1727	1379	3.72	0.04
Apr-03	2683	3945	3703	4.31	0.16
May-03	2116	2768	2746	3.40	0.04
Jun-03	800	1155	941	1.29	0.04
Jul-03	386	637	462	0.62	0.02
Aug-03	1742	501	374	2.80	0.04
Sep-03	1072	590	431	1.72	0.04
Oct-03	2628	958	756	4.23	0.16
Nov-03	2802	1328	1197	4.50	0.16
Dec-03	4733	1133	947	7.61	0.16

2003 daily data availability

75.1% = number of days with data in 2003 / 365 days

	Using POR average streamflow for this month
	Using interpolated values or POR average daily streamflows
	Calculated from nearby gages

## USGS 01075000 PEMIGEWASSET RIVER AT WOODSTOCK, NH

DA(mi<sup>2</sup>) 193

7Q10 (cfs) 56.0

	Mean of daily streamflows (2003) in cfs	Mean of monthly streamflows	Median of monthly means (cfs)	Calculated Monthly mean CFSM	General Standard in cfsm
Jan-03	162	245	224	0.84	0.02
Feb-03	91	213	165	0.47	0.015
Mar-03	621	432	332	3.22	0.04
Apr-03	948	1340	1397	4.91	0.16
May-03	914	1365	1280	4.73	0.16
Jun-03	365	500	490	1.89	0.04
Jul-03	222	262	207	1.15	0.04
Aug-03	696	201	148	3.61	0.04

Sep-03	377	253	208	1.95	0.04
Oct-03	1040	360	287	5.39	0.16
Nov-03	1084	544	484	5.62	0.16
Dec-03	1236	419	339	6.40	0.16

2003 daily data availability

83.6% = number of days with data in 2003 / 365 days

Using POR average streamflow for this month
Using interpolated values or POR average daily streamflows
Calculated from nearby gages

Pemigewasset River at Confluence with Winnepesaukee

DA(mi^2)	1022.6				
7Q10 (cfs)	409.4				
DA(mi^2)	1508.4	485.8	1022.6		
				Difference (Pemigewasset equals Merrimack minus Winnepesaukee)	
	Merrimack River at Confluence with Winnepesaukee River (cfs)	Winnepesaukee River at Confluence with Pemigewasset (cfs)			Calculated Monthly mean CFM
					General Standard in cfsm
Jan-03	1236	621	615	0.60	0.02
Feb-03	1004	523	481	0.47	0.02002
Mar-03	3546	749	2797	2.74	0.04
Apr-03	5666	1198	4468	4.37	0.16
May-03	4311	956	3355	3.28	0.04
Jun-03	1870	532	1338	1.31	0.04
Jul-03	808	235	574	0.56	0.02
Aug-03	2873	614	2259	2.21	0.04
Sep-03	1945	526	1419	1.39	0.04
Oct-03	4078	645	3433	3.36	0.04
Nov-03	5244	1082	4162	4.07	0.16
Dec-03	7189	1642	5546	5.42	0.16

Source data in Pemigewasset-Gage\_intergration-template.xls

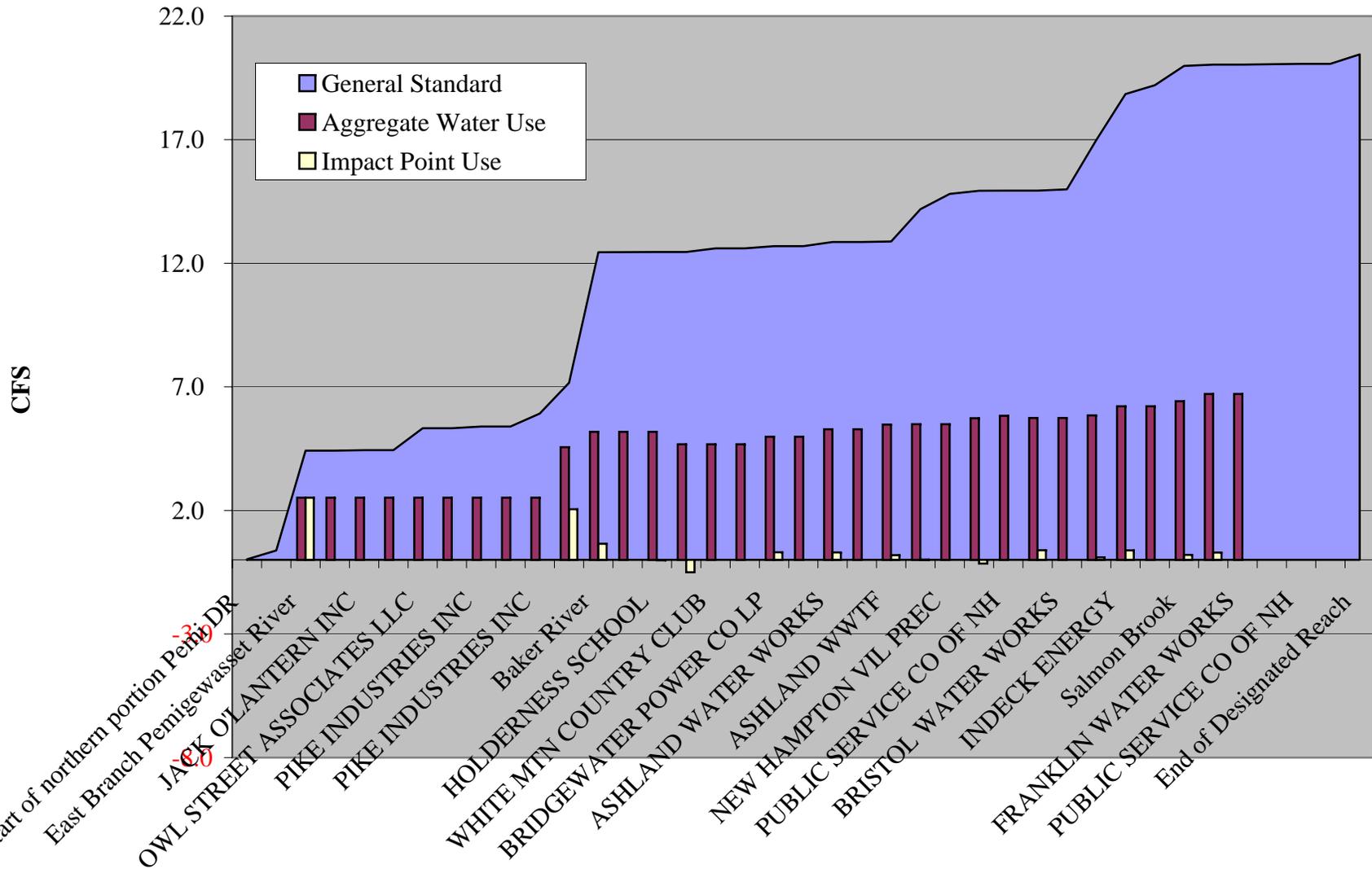
2003 Pemigewasset Estimated Monthly Stream Flow at Each Impact Point in CFS			Calculated 2003 monthly mean streamflow in CFSM	193	0.84	0.47	3.22	4.91	4.73	1.89	1.15	3.61	1.95	5.39	5.62	6.40
USGS 01075000 PEMIGEWASSET RIVER AT WOODSTOCK, NH			Calculated 2003 monthly mean streamflow in CFSM	622	0.71	0.47	3.72	4.31	3.40	1.29	0.62	2.80	1.72	4.23	4.50	7.61
USGS 01076500 PEMIGEWASSET RIVER AT PLYMOUTH, NH			Calculated 2003 monthly mean streamflow in CFSM	1023	0.60	0.47	2.74	4.37	3.28	1.31	0.56	2.21	1.39	3.36	4.07	5.42
WU_NAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Start of northern portion Pemi DR	In Franconia Notch Park, near Profile Lake		1.2	1.0	0.6	3.9	6.0	5.7	2.3	1.4	4.4	2.4	6.5	6.8	7.8	
End of northern portion Pemi DR	National Forest Boundary		19.1	16	9.0	61	94	90	36	22	69	37	103	107	122	
E Branch Pemigewasset River			220.9	183	104	718	1077	1027	409	247	785	428	1174	1225	1432	
Start of southern portion Pemi DR	Woodstock/Thornton Town line		220.9	183	104	718	1077	1027	409	247	785	428	1174	1225	1432	
JACK O'LANTERN INC	GOLF COURSE PUMP STATION	20234 20234-S01	222.1	184	104	723	1082	1031	410	248	789	431	1180	1231	1441	
JACK O'LANTERN INC	GOLF COURSE PUMP STATION	20234 20234-D01	222.1	184	104	723	1082	1031	410	248	789	431	1180	1231	1441	
OWL STREET ASSOCIATES LLC	OWL'S NEST GOLF COURSE	20635 20635-S01	266.4	217	125	881	1281	1200	476	283	924	510	1383	1445	1761	
OWL STREET ASSOCIATES LLC	OWL'S NEST GOLF COURSE	20635 20635-S02	266.4	218	125	881	1282	1201	476	283	924	510	1383	1446	1761	
PIKE INDUSTRIES INC	CAMPTON SAND & GRAVEL	20192 20192-S01	269.6	220	127	892	1296	1212	480	285	934	516	1397	1461	1785	
PERSONS CONCRETE LLC	CAMPTON PLANT	20546 20546-S01	269.7	220	127	893	1296	1213	480	285	934	516	1398	1461	1785	
PIKE INDUSTRIES INC	CAMPTON SAND & GRAVEL	20192 20192-D01	296.0	239	139	989	1412	1307	516	303	1010	562	1513	1584	1982	
Mad River			358.1	282	168	1223	1677	1512	593	339	1181	668	1770	1858	2460	
Baker River			622.4	441	293	2318	2686	2118	801	387	1743	1073	2630	2805	4736	
PLYMOUTH STATE UNIVERSITY	PHYSICAL EDUCATION CENTER	20522 20522-D01	622.7	441	293	2318	2686	2118	801	387	1743	1073	2630	2805	4736	
HOLDERNESS SCHOOL	HOLDERNESS SCHOOL	20639 20095-D01	622.9	441	293	2318	2687	2119	801	387	1744	1073	2631	2805	4737	
PLYMOUTH VILLAGE W&S DIST	POTW	20095 20095-D01	622.9	441	293	2318	2687	2119	801	387	1744	1073	2631	2805	4737	
WHITE MTN COUNTRY CLUB		20306 20306-S01	630.2	445	296	2334	2720	2142	811	391	1757	1082	2652	2833	4768	
WHITE MTN COUNTRY CLUB		20306 20306-D01	630.2	445	296	2334	2720	2142	811	391	1757	1082	2652	2833	4768	
BRIDGEWATER POWER CO LP	BRIDGEWATER BIO MASS	20516 20516-S01	634.6	448	299	2343	2739	2156	816	393	1766	1087	2664	2850	4785	
BRIDGEWATER POWER CO LP	BRIDGEWATER BIO MASS	20516 20516-D01	634.6	448	299	2343	2739	2156	816	393	1766	1087	2664	2850	4785	
ASHLAND WATER WORKS	ASHLAND WATER WORKS	20041 20041-S02	642.9	452	302	2361	2775	2183	827	397	1781	1097	2688	2882	4819	
ASHLAND WATER WORKS	ASHLAND WATER WORKS	20041 20041-S03	642.9	452	302	2361	2775	2183	827	397	1781	1097	2688	2882	4819	
ASHLAND WWTF	WASTE WATER TREAT PLANT	20083 20083-D01	644.1	453	303	2364	2781	2187	829	398	1783	1099	2691	2886	4824	
Squam River			709.5	486	334	2489	3069	2395	916	431	1895	1171	2863	3129	5060	
NEW HAMPTON VIL PREC	SEWER DEPT	20443 20443-D01	740.3	501	348	2541	3206	2492	957	447	1944	1203	2939	3240	5156	
PUBLIC SERVICE CO OF NH	AYERS ISLAND HYDRO	20144 20144-D01	746.8	504	351	2551	3235	2512	966	450	1954	1209	2954	3263	5174	
BRISTOL WWTF	WASTE WATER TREAT PLANT	20286 20286-D01	747.0	505	351	2551	3235	2513	966	450	1954	1210	2954	3264	5175	
BRISTOL WATER WORKS	WATER WORKS	20044 20044-S02	749.6	506	353	2555	3247	2521	969	451	1958	1212	2960	3273	5182	
Newfound River			848.8	550	399	2686	3688	2830	1102	498	2093	1302	3170	3615	5409	
INDECK ENERGY	ALEXANDRIA POWER PLANT	20188 20188-S01	942.3	587	443	2764	4106	3115	1229	540	2194	1371	3328	3917	5524	
TOWN OF HILL	HILL WATER WORKS	20736 20736-S01	960.2	594	452	2774	4187	3169	1253	548	2210	1383	3354	3973	5535	
Salmon Brook			999.3	607	470	2791	4363	3286	1306	564	2242	1407	3406	4092	5547	
FRANKLIN WATER WORKS	FRANKIN WATER WORKS	20357 20357-S04	1002.0	608	471	2791	4375	3294	1310	565	2244	1408	3409	4100	5547	
FRANKLIN WATER WORKS	FRANKIN WATER WORKS	20357 20357-S02	1002.0	608	471	2791	4375	3294	1310	565	2244	1408	3409	4100	5547	
FRANKLIN WATER WORKS	FRANKIN WATER WORKS	20357 20357-S03	1002.6	608	472	2792	4378	3296	1311	565	2245	1408	3410	4102	5547	
PUBLIC SERVICE CO OF NH	EASTMAN FALLS HYDRO	20145 20145-D01	1003.5	609	472	2792	4381	3298	1312	566	2245	1409	3411	4105	5547	
End of Designated Reach			1022.6	615	481	2797	4468	3355	1338	574	2259	1419	3433	4162	5546	

2003 Pemigewasset Estimated Monthly General Standard at Each Impact Point in CFS															
WU_NAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Start of northern portion Pemi DR	In Franconia Notch Park, near Profile Lake		1.2	0.02	0.000	0.05	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.2	0.2
End of northern portion Pemi DR	National Forest Boundary		19.1	0.4	0.001	0.8	3.0	3.0	0.8	0.8	0.8	0.8	3.0	3.0	3.0
E Branch Pemigewasset River			220.9	4.4	3.1	8.8	35	35	8.8	8.8	8.8	8.8	35	35	35
Start of southern portion Pemi DR	Woodstock/Thornton Town line		220.9	4.4	3.1	8.8	35	35	8.8	8.8	8.8	8.8	35	35	35
JACK O'LANTERN INC	GOLF COURSE PUMP STATION	20234 20234-S01	222.1	4.4	3.1	8.9	36	36	8.9	8.9	8.9	8.9	36	36	36
JACK O'LANTERN INC	GOLF COURSE PUMP STATION	20234 20234-D01	222.1	4.4	3.1	8.9	36	36	8.9	8.9	8.9	8.9	36	36	36
OWL STREET ASSOCIATES LLC	OWL'S NEST GOLF COURSE	20635 20635-S01	266.4	5.3	3.6	11	43	43	11	11	11	11	43	43	43
OWL STREET ASSOCIATES LLC	OWL'S NEST GOLF COURSE	20635 20635-S02	266.4	5.3	3.6	11	43	43	11	11	11	11	43	43	43
PIKE INDUSTRIES INC	CAMPTON SAND & GRAVEL	20192 20192-S01	269.6	5.4	3.7	11	43	43	11	11	11	11	43	43	43
PERSONS CONCRETE LLC	CAMPTON PLANT	20546 20546-S01	269.7	5.4	3.7	11	43	43	11	11	11	11	43	43	43
PIKE INDUSTRIES INC	CAMPTON SAND & GRAVEL	20192 20192-D01	296.0	5.9	3.9	12	47	47	12	12	12	12	47	47	47
Mad River			358.1	7.2	4.5	14	57	57	14	7.2	14	14	57	57	57
Baker River			622.4	12	5.8	25	100	25	25	12	25	25	100	100	100
PLYMOUTH STATE UNIVERSITY	PHYSICAL EDUCATION CENTER	20522 20522-D01	622.7	12	5.8	25	100	25	25	12	25	25	100	100	100
HOLDERNESS SCHOOL	HOLDERNESS SCHOOL	20639 20095-D01	622.9	12	5.8	25	100	25	25	12	25	25	100	100	100
PLYMOUTH VILLAGE W&S DIST	POTW	20095 20095-D01	622.9	12	5.8	25	100	25	25	12	25	25	100	100	100
WHITE MTN COUNTRY CLUB		20306 20306-S01	630.2	13	6.0	25	101	25	25	13	25	25	101	101	101
WHITE MTN COUNTRY CLUB		20306 20306-D01	630.2	13	6.0	25	101	25	25	13	25	25	101	101	101
BRIDGEWATER POWER CO LP	BRIDGEWATER BIO MASS	20516 20516-S01	634.6	13	6.1	25	102	25	25	13	25	25	102	102	102
BRIDGEWATER POWER CO LP	BRIDGEWATER BIO MASS	20516 20516-D01	634.6	13	6.1	25	102	25	25	13	25	25	102	102	102
ASHLAND WATER WORKS	ASHLAND WATER WORKS	20041 20041-S02	642.9	13	6.3	26	103	26	26	13	26	26	103	103	103
ASHLAND WATER WORKS	ASHLAND WATER WORKS	20041 20041-S03	642.9	13	6.3	26	103	26	26	13	26	26	103	103	103
ASHLAND WWTF	WASTE WATER TREAT PLANT	20083 20083-D01	644.1	13	6.3	26	103	26	26	13	26	26	103	103	103
Squam River			709.5	14	8.2	28	114	28	28	14	28	28	114	114	114
NEW HAMPTON VIL PREC	SEWER DEPT	20443 20443-D01	740.3	15	9.2	30	118	30	30	15	30	30	118	118	118
PUBLIC SERVICE CO OF NH	AYERS ISLAND HYDRO	20144 20144-D01	746.8	15	9.4	30	119	30	30	15	30	30	119	119	119
BRISTOL WWTF	WASTE WATER TREAT PLANT	20286 20286-D01	747.0	15	9.4	30	120	30	30	15	30	30	120	120	120
BRISTOL WATER WORKS	WATER WORKS	20044 20044-S02	749.6	15	10	30	120	30	30	15	30	30	120	120	120
Newfound River			848.8	17	13	34	136	34	34	17	34	34	136	136	136
INDECK ENERGY	ALEXANDRIA POWER PLANT	20188 20188-S01	942.3	19	17	38	151	38	38	19	38	38	151	151	151
TOWN OF HILL	HILL WATER WORKS	20736 20736-S01	960.2	19	18	38	154	38	38	19	38	38	154	154	154
Salmon Brook			999.3	20	19	40	160	40	40	20	40	40	160	160	160
FRANKLIN WATER WORKS	FRANKLIN WATER WORKS	20357 20357-S04	1002.0	20	20	40	160	40	40	20	40	40	160	160	160
FRANKLIN WATER WORKS	FRANKLIN WATER WORKS	20357 20357-S02	1002.0	20	20	40	160	40	40	20	40	40	160	160	160
FRANKLIN WATER WORKS	FRANKLIN WATER WORKS	20357 20357-S03	1002.6	20	20	40	160	40	40	20	40	40	160	160	160
PUBLIC SERVICE CO OF NH	EASTMAN FALLS HYDRO	20145 20145-D01	1003.5	20	20	40	161	40	40	20	40	40	161	161	161
End of Designated Reach			1022.6	20	20	41	164	41	41	20	41	41	164	164	164

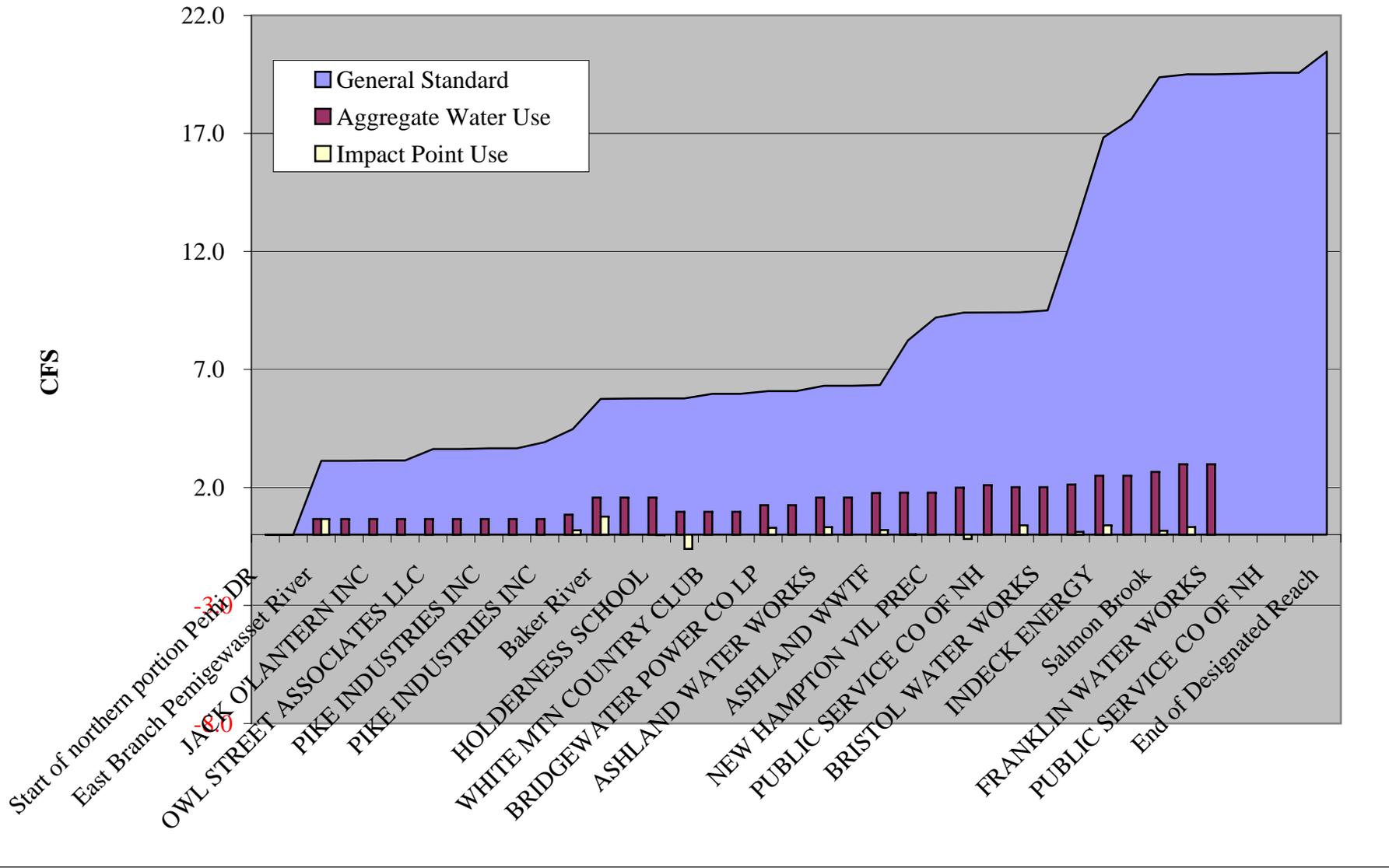
**2003 Pemigewasset  
Estimated Monthly Margin  
of the Aggregate Water Use  
Below the General Standard  
in CFS**

USERNAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Start of northern portion Pemi DR	In Franconia Notch Park, near Profile Lake		1.2	0.02	0.00	0.05	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.2	0.2
End of northern portion Pemi DR	National Forest Boundary		19.1	0.4	0.0	0.8	3.0	3.0	0.8	0.8	0.8	0.8	3.0	3.0	3.0
E Branch Pemigewasset River			220.9	1.9	2.5	8	34	34	7.4	8.3	7.9	9.2	35	34	32
Start of southern portion Pemi DR	Woodstock/Thornton Town line		220.9	1.9	2.5	8	34	34	7.4	8.3	7.9	9.2	35	34	32
JACK O'LANTERN INC	GOLF COURSE PUMP STATION	20234 20234-S01	222.1	1.9	2.5	9	35	35	7.4	8.3	7.9	9.2	35	34	32
JACK O'LANTERN INC	GOLF COURSE PUMP STATION	20234 20234-D01	222.1	1.9	2.5	9	35	35	7.4	8.3	7.9	9.2	35	34	32
OWL STREET ASSOCIATES LLC	OWL'S NEST GOLF COURSE	20635 20635-S01	266.4	2.8	3.0	10	42	42	9.1	10	10	11	42	41	39
OWL STREET ASSOCIATES LLC	OWL'S NEST GOLF COURSE	20635 20635-S02	266.4	2.8	3.0	10	42	42	8.8	10	9.3	11	42	41	39
PIKE INDUSTRIES INC	CAMPTON SAND & GRAVEL	20192 20192-S01	269.6	2.9	3.0	10	42	42	8.4	9.2	8.9	10	42	41	39
PERSONS CONCRETE LLC	CAMPTON PLANT	20546 20546-S01	269.7	2.9	3.0	10	42	42	8.4	9.2	8.9	10	42	41	39
PIKE INDUSTRIES INC	CAMPTON SAND & GRAVEL	20192 20192-D01	296.0	3.4	3.3	11	46	46	9.4	10	10	11	47	46	44
Mad River			358.1	2.6	3.6	14	56	56	12	5.1	12	14	56	54	51
Baker River			622.4	7.3	4.2	24	98	22	21	9.5	22	23	98	96	93
PLYMOUTH STATE UNIVERSITY	PHYSICAL EDUCATION CENTER	20522 20522-D01	622.7	7.3	4.2	24	98	22	21	10	22	23	98	96	93
HOLDERNESS SCHOOL	HOLDERNESS SCHOOL	20639 20095-D01	622.9	7.3	4.2	24	98	22	21	10	22	23	98	96	93
PLYMOUTH VILLAGE W&S DIST	POTW	20095 20095-D01	622.9	7.8	4.8	24	99	23	22	10	23	24	99	97	94
WHITE MTN COUNTRY CLUB	WHITE MTN COUNTRY CLUB	20306 20306-S01	630.2	7.9	5.0	25	100	23	22	10	23	24	100	98	95
WHITE MTN COUNTRY CLUB	WHITE MTN COUNTRY CLUB	20306 20306-D01	630.2	7.9	5.0	25	100	23	22	10	23	24	100	98	95
BRIDGEWATER POWER CO LP	BRIDGEWATER BIO MASS	20516 20516-S01	634.6	7.7	4.8	25	100	23	22	9	23	24	100	98	95
BRIDGEWATER POWER CO LP	BRIDGEWATER BIO MASS	20516 20516-D01	634.6	7.7	4.8	25	100	23	22	9	23	24	100	98	95
ASHLAND WATER WORKS	ASHLAND WATER WORKS	20041 20041-S02	642.9	7.6	4.7	25	101	23	22	9	23	24	101	99	96
ASHLAND WATER WORKS	ASHLAND WATER WORKS	20041 20041-S03	642.9	7.6	4.7	25	101	23	22	9	23	24	101	99	96
ASHLAND WWTF	WASTE WATER TREAT PLANT	20083 20083-D01	644.1	7.4	4.6	24	101	23	22	9	22	24	101	99	96
Squam River			709.5	8.7	6.4	27	112	26	24	10	25	26	112	109	107
NEW HAMPTON VIL PREC	SEWER DEPT	20443 20443-D01	740.3	9.3	7.4	28	117	27	25	11	26	27	28	114	112
PUBLIC SERVICE CO OF NH	AYERS ISLAND HYDRO	20144 20144-D01	746.8	9.4	7.6	29	118	27	26	11	26	28	28	115	113
BRISTOL WWTF	WASTE WATER TREAT PLANT	20286 20286-D01	747.0	10	7.8	29	118	27	26	11	27	28	28	116	113
BRISTOL WATER WORKS	WATER WORKS	20044 20044-S02	749.6	10	7.9	29	118	28	26	11	27	28	28	116	113
Newfound River			848.8	11	11	32	134	31	30	13	30	32	32	132	129
INDECK ENERGY	ALEXANDRIA POWER PLANT	20188 20188-S01	942.3	13	15	36	149	35	33	15	34	35	36	147	144
TOWN OF HILL	HILL WATER WORKS	20736 20736-S01	960.2	13	16	37	152	35	34	15	35	36	36	149	147
Salmon Brook			999.3	14	17	38	157	37	35	15	36	37	38	155	153
FRANKLIN WATER WORKS	FRANKIN WATER WORKS	20357 20357-S04	1002.0	14	17	38	158	37	35	15	36	37	38	156	153
FRANKLIN WATER WORKS	FRANKIN WATER WORKS	20357 20357-S02	1002.0	14	17	38	158	37	35	15	36	37	38	156	153
FRANKLIN WATER WORKS	FRANKIN WATER WORKS	20357 20357-S03	1002.6	13	17	38	158	36	35	15	36	37	37	156	153
PUBLIC SERVICE CO OF NH	EASTMAN FALLS HYDRO	20145 20145-D01	1003.5	13	17	38	158	36	35	15	36	37	37	156	153
End of Designated Reach			1022.6	14	17	39	161	37	36	15	36	38	38	159	156

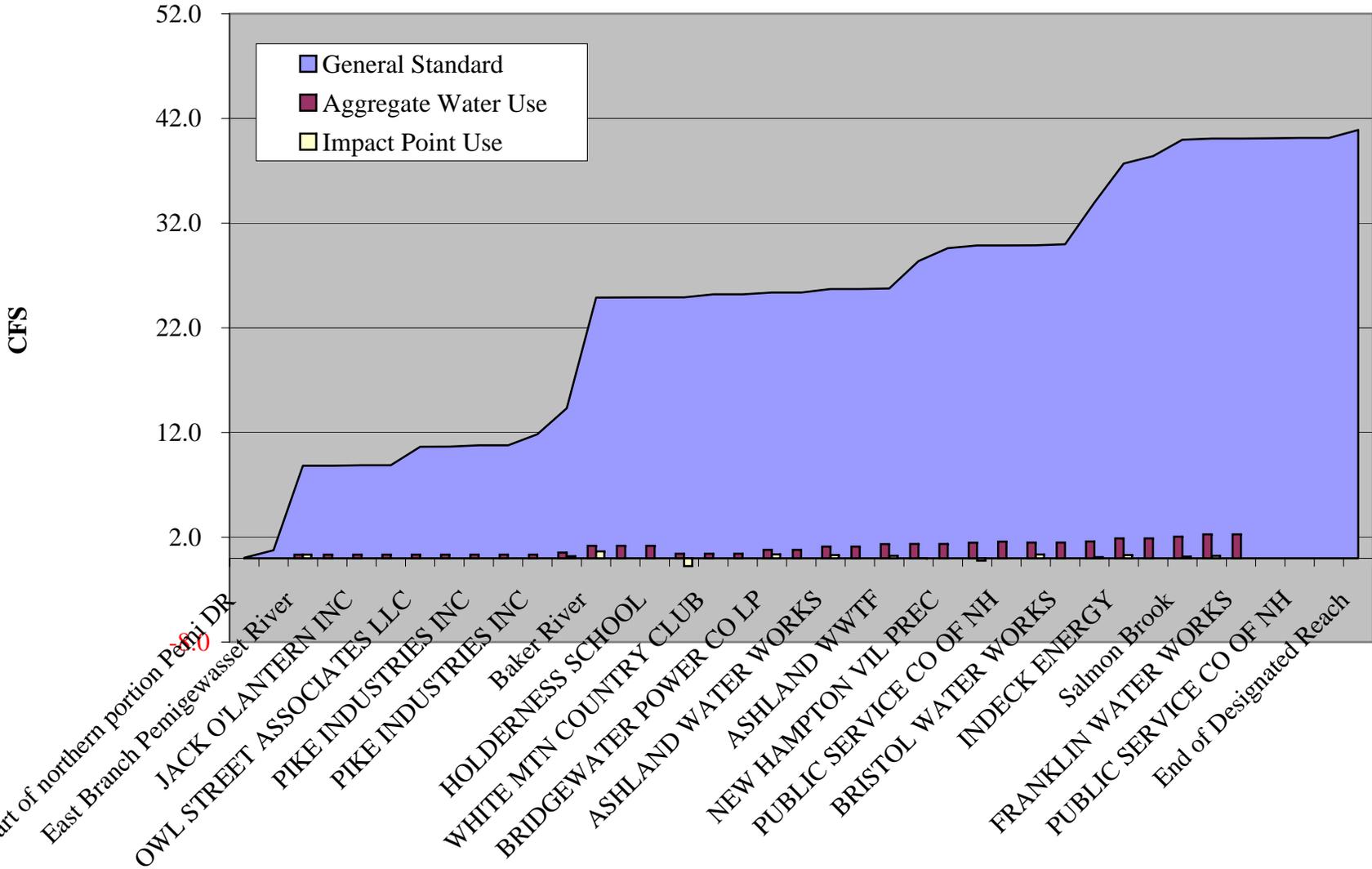
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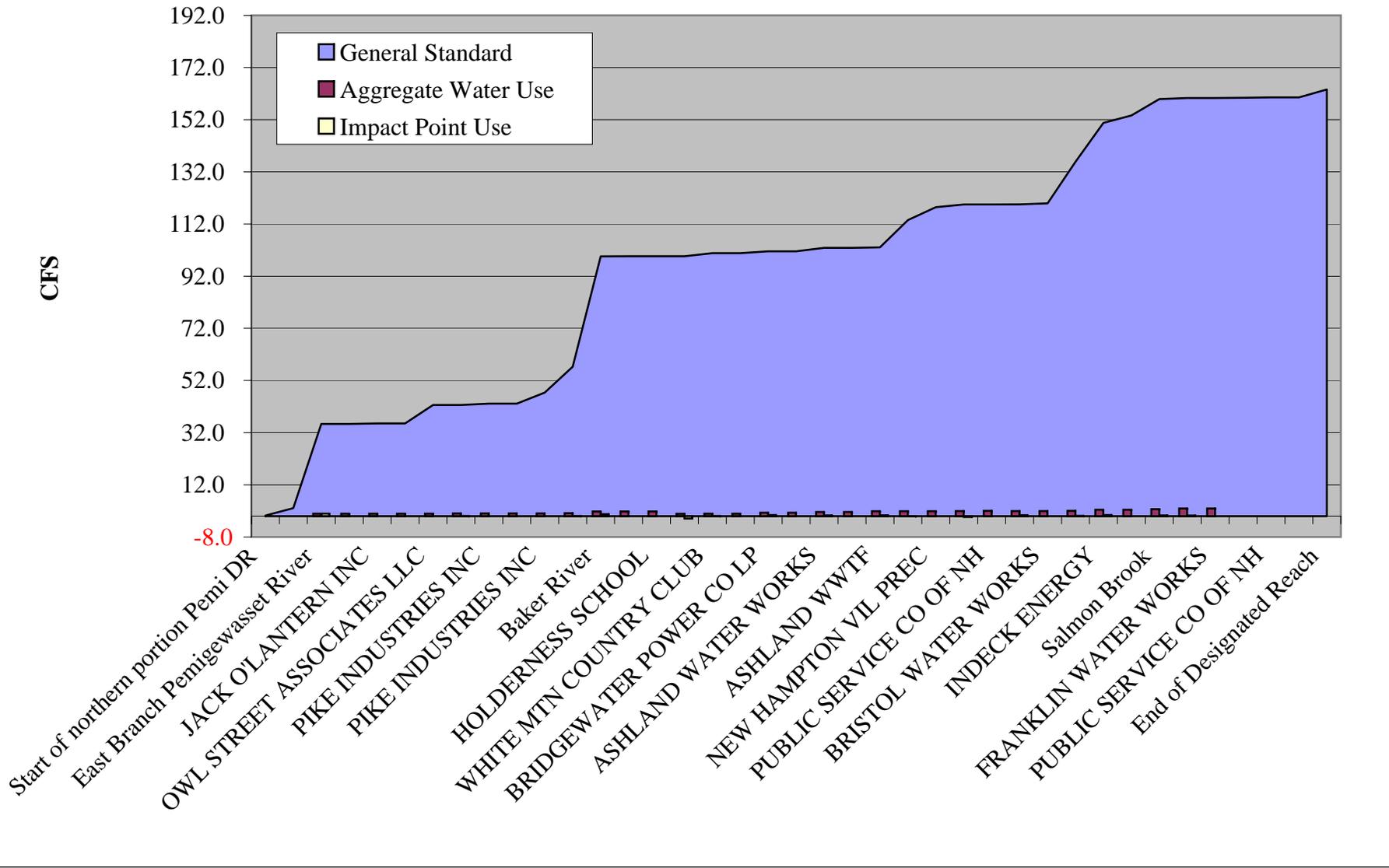
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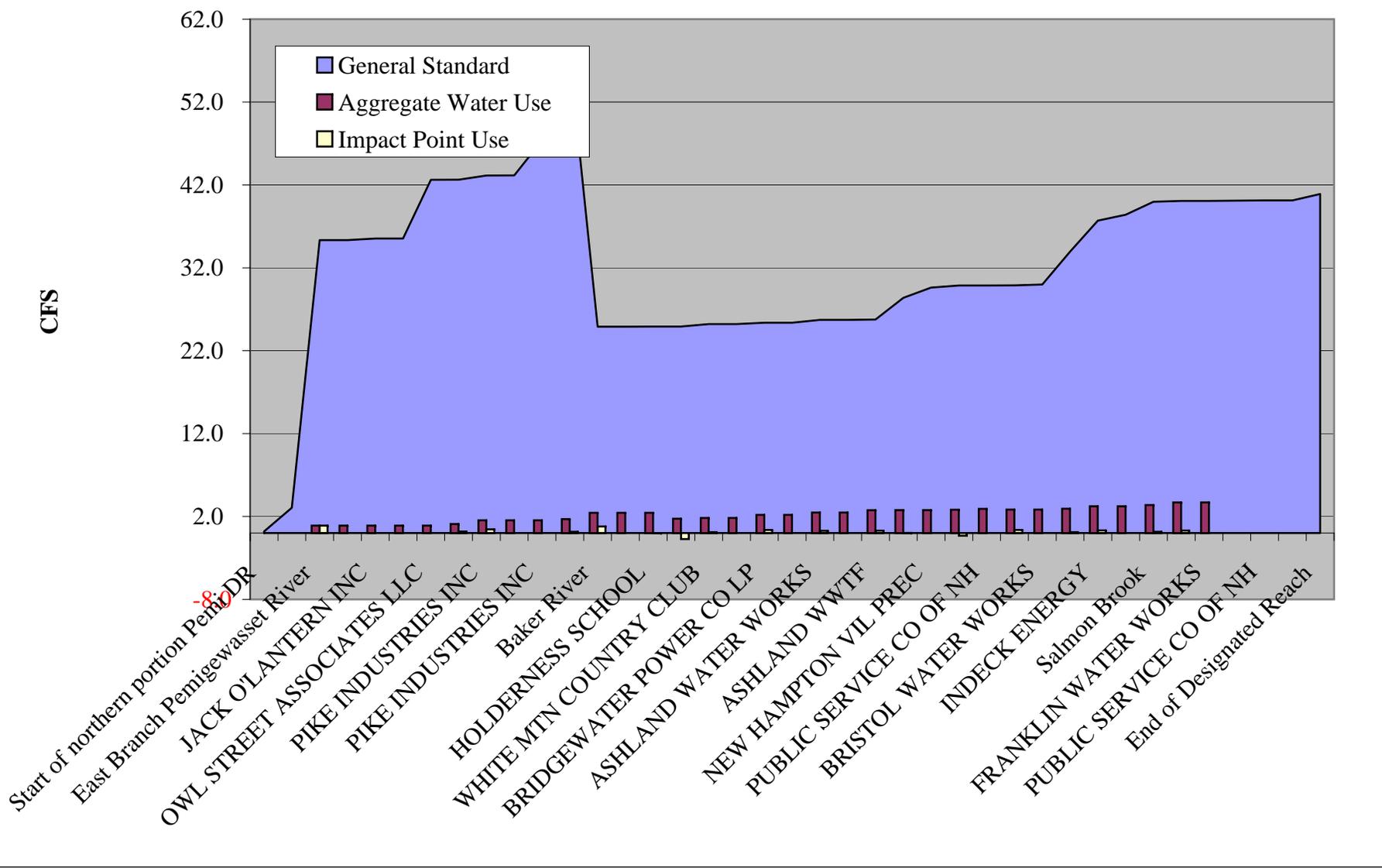
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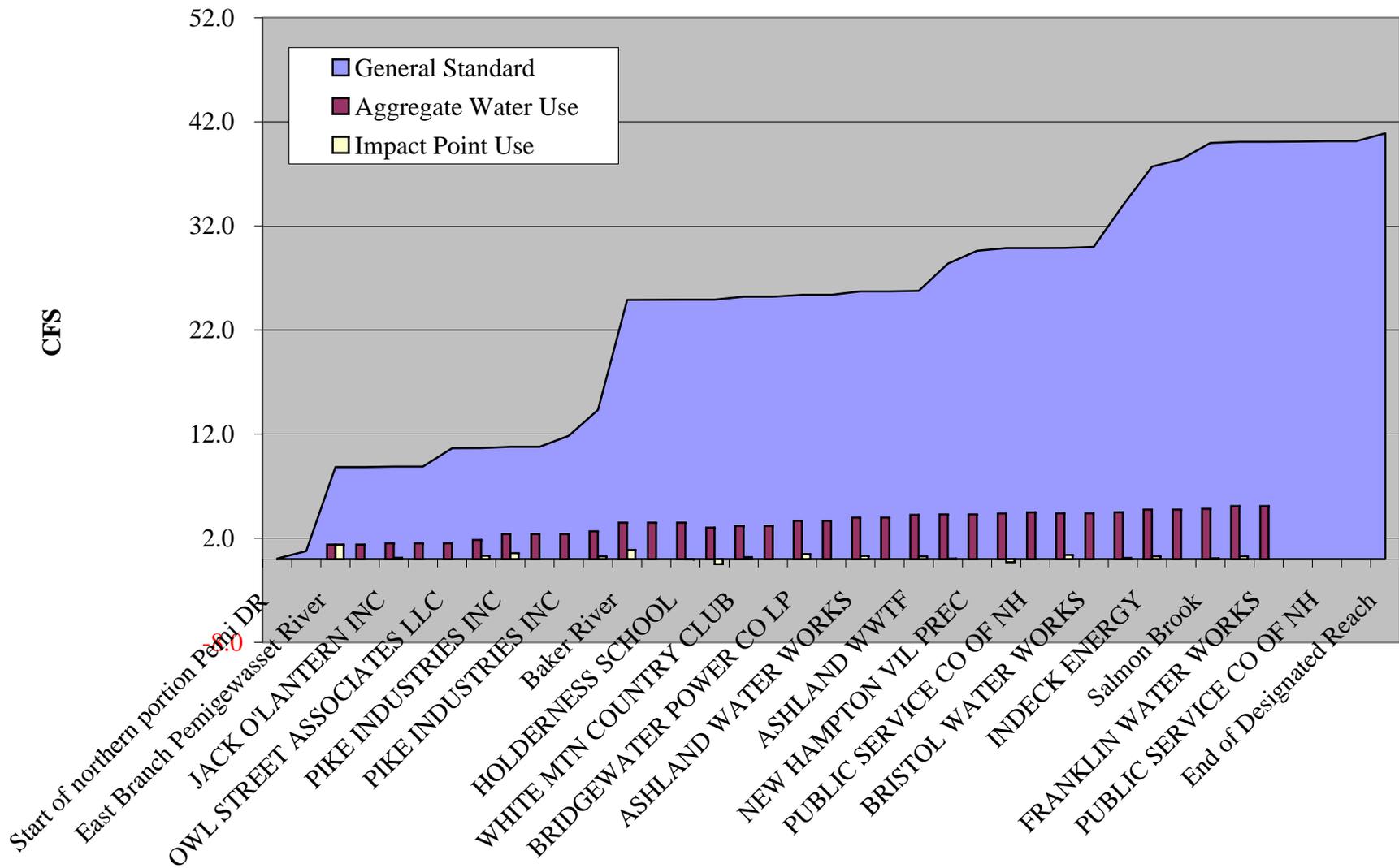
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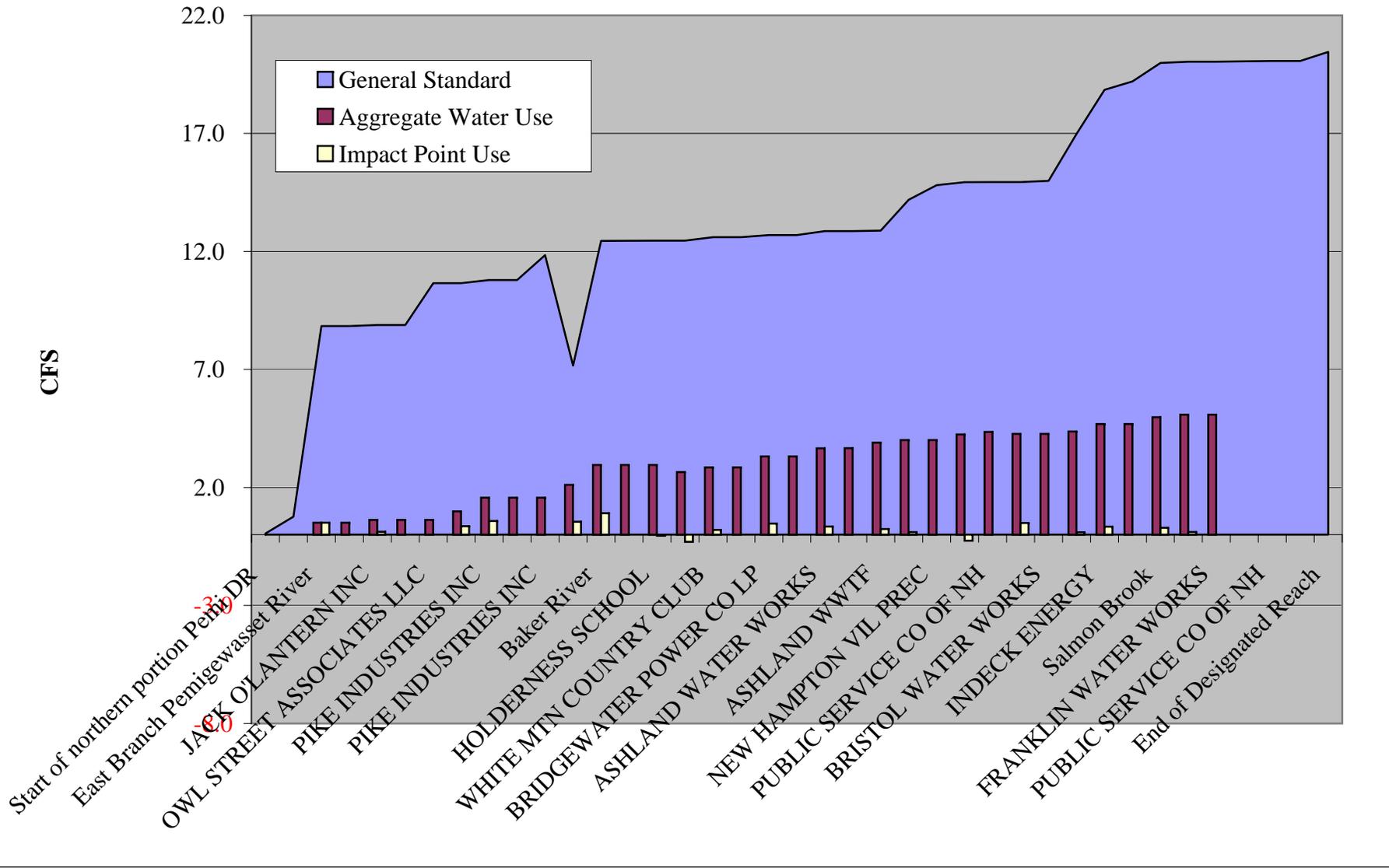
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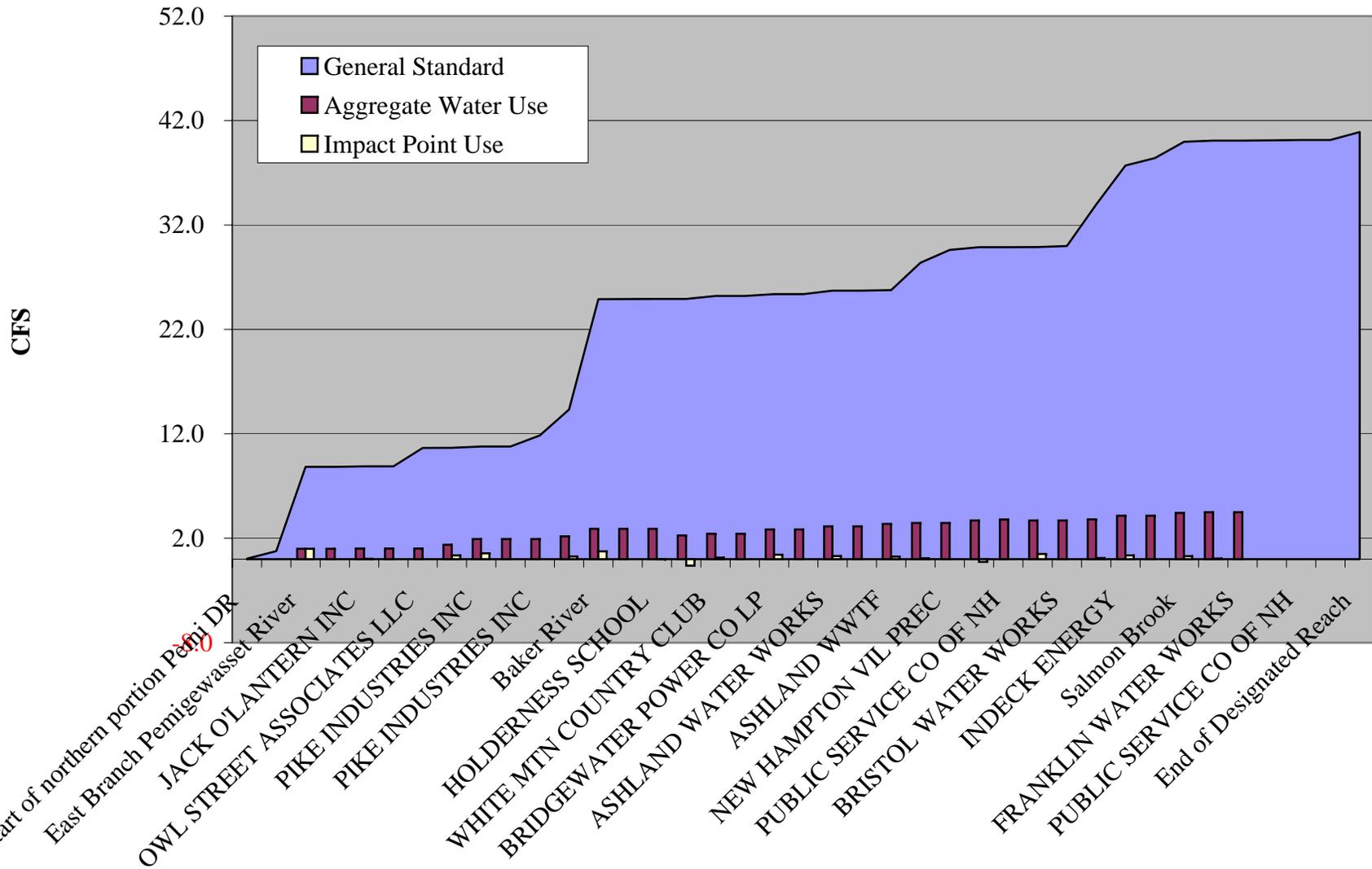
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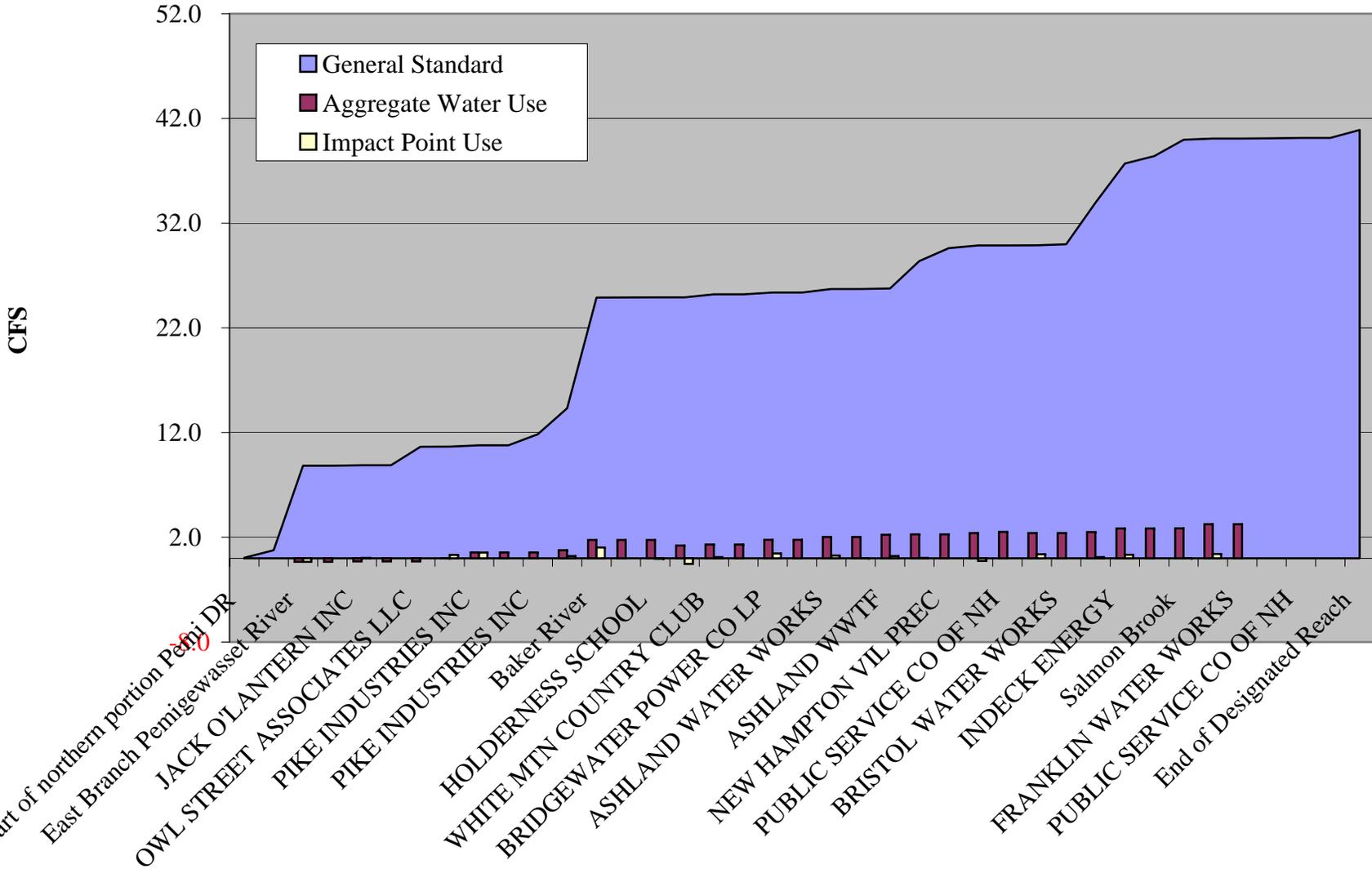
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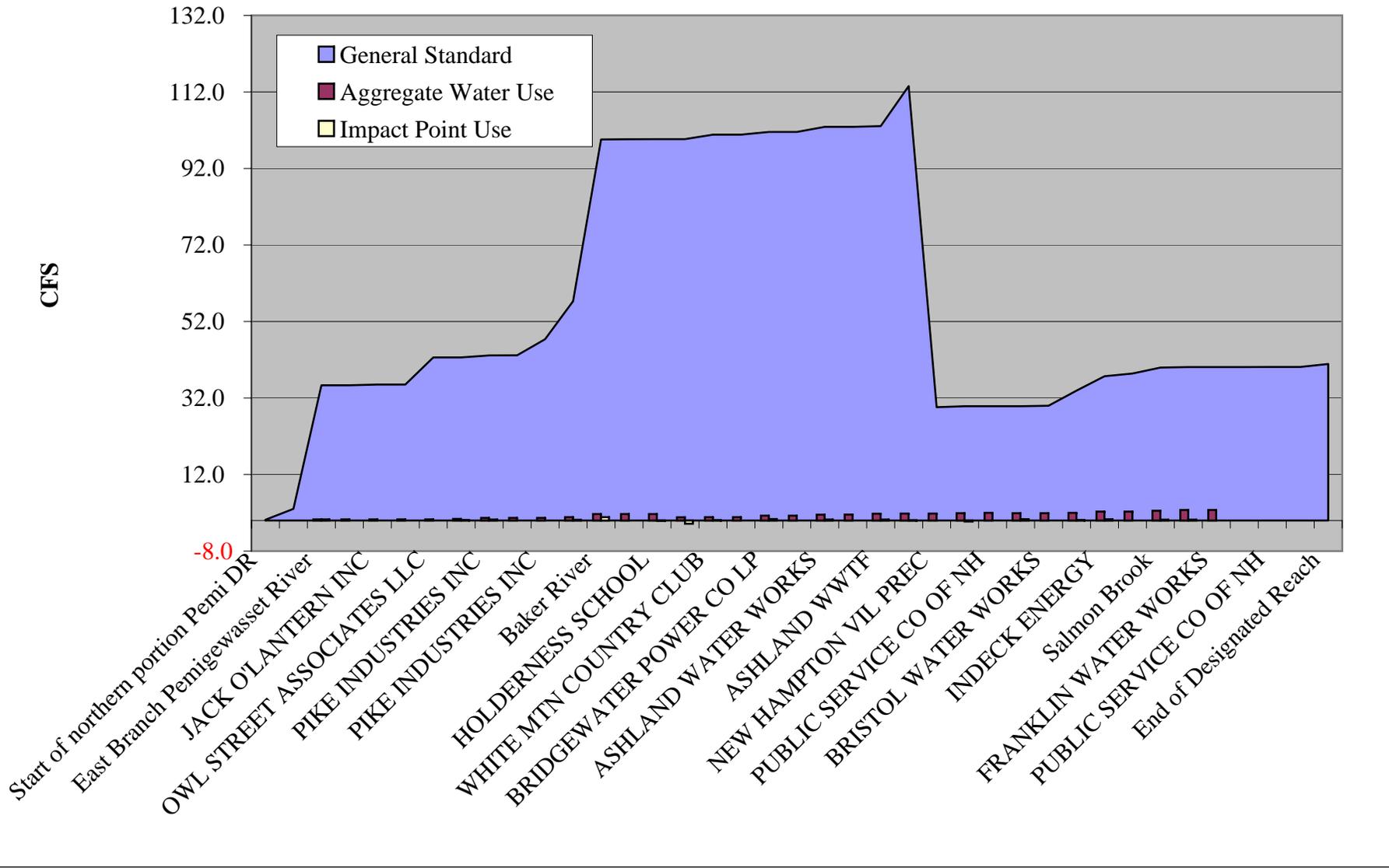
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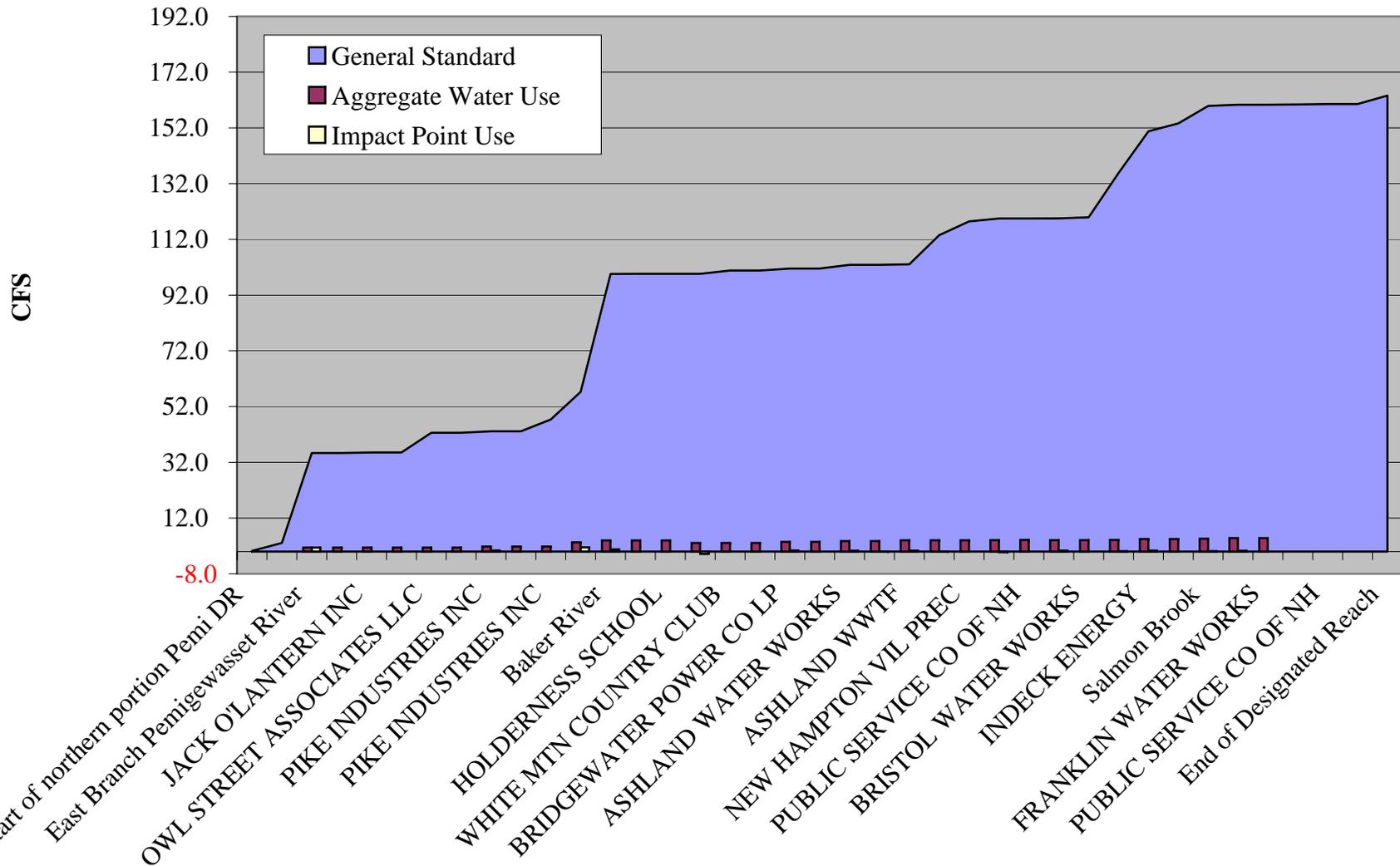
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# October 2003 Pemigewasset



# November 2003 Pemigewasset



## December 2003 Pemigewasset

